Read April 28, 1768.

XIX. *Observations on the Barometer and Thermometer, and Account of the whole Rain in every Month of the Year* 1767, *taken at the Royal Hospital near* Plymouth : *By* William Farr, *M. D. Transmitted to* William Watson, *M. D. F. R. S.*

Month. 1767.	Barometer.	Therm.	Winds from what Quarter highest.	Rain.	General Account of the Weather.
January	Highest state 30 20 Lowest D° 28 67	D° 53 D° 24	E. by N. S. E. S. } 3	4 630	First part of the month clear; and frost; remainder much rain and stormy weather. January 1st, remarkable gust of wind E. by N.
February	H. 30 05 L. 29 04	H. 53 L. 48	S. S. W. S. W. } 3	7.000	Constant rains, only three fair days during the whole month. High winds on the 11th, 19th, and 26th.
March	H. 30 23 L. 29 28	H. 55 L. 44	N. W. W. by N. } 3	4.270	Sky serene and clear the greatest part of the month; towards the middle and latter end very heavy rains.
April	H. 30 41 L. 29 05	H. 55 L. 45	S. E. 3 S. S. E. 2″	2.250	Rain from the 20th to the 27th. Storm 21st S. E. the rest of the month very fine weather. Wind mostly E. and S. E. and sometimes N.
May	H. 30 39 L. 29 25	H. 59 L. 50	W. 3 N. N. N. W. } 2‴	2.860	First part of the month very fine weather; middle and end showery, with hail storms. Air generally sharp through the whole.
June	H. 30 32 L. 29 44	H. 64 L. 53	E. by S. E. by N. } 2″	.882	The 8th the first warm day this year; from thence to the 17th very fine weather, and in general through the month; though the air was often sharp. No high Winds this month.

July

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1767. Month.	Barometer.	Therm.	Winds from what Quarter higheſt.	Rain.	General Account of Weather.
July	Higheſt ſtate 29 98 Loweſt D° 29 11	H. 65 L. 60	W. by N. } 3 W. by S. } S. E. } 2‴ S. W }	5·560	Almoſt conſtant rains during the month; only five fair days.
Auguſt	H. 30 21 L. 29 50	H. 69 L. 61	N. N. W } 2‴ S. W. }	3·135	Firſt part of the month very fine weather; calm throughout, except from the 14th to the 16th; towards the latter end ſultry; 29th, thunder-ſtorm.
September	H. 30 33 L. 29 49	H. 67 L. 60	N. W. 2‴ S. 2″	2·531	Firſt part of the month conſtant rains; from the 18th to the latter end remarkably fine weather, and quite ſerene.
October	H. 30 23 L. 29 15	H. 61 L. 48	S. W. } W. } 3 S. W. } S. E. } 2‴	3·325	From the 8th to the 15th, weather clear and ſerene, with ſharp froſty mornings; reſt of the month rain, or hazy weather.
November	H. 30 37 L. 29 04	H. 10th 60 L. 42	S. W. 10th } S. S. W. 13th } 4 W. by S. 2‴	3·506	Rain frequent till the 21ſt; from the 8th to the 16th very ſqually weather; from the 21ſt to the end of the month fair.
December	H. 30 54 L. 29 02	H. 53 L. 28	E. by S. 3 N. E. 2‴	1.850	Beginning and latter end froſty weather, with little wind; middle, ſqually with ſhowers.
				Total 41.799, or 41 ¾ inches of rain nearly.	

For the more particular account of the weather, during the late froſt, vide the ſubſequent pages.

State of the Barometer, Thermometer, Wind, and Rain, from *December* 20, 1767, to *January* 21, 1768.

1767. Day. December.		Bar.	Ther. within doors.	Ther. without.	Wind.		Rain	Weather, with miſcellaneous remarks.
20	9 a. m.	29 2	50		S. E.	2‴		Fair
	11 p. m.	29 27	50		S. E.	2″		D°
21	9 a. m.	29 56	50		E. b. S.	2‴		Clear
	11 p. m.	29 70	41		E.	2″		D°. N. B. Froſt ſet in this evening
22	9 a. m.	29 80	40		E. b. N.	2″		Froſt air very ſharp
	11 p. m.	29 86	39		N. E.	2‴		D°
23	9 a. m.	29 90	39		D°	2‴		D°
	11 p. m.	29 93	38		D°	2‴		D°
24	9 a. m.	30 1	35		D°	2‴		D°
	11 p. m.	30 0	35	30	D°	2″		Cloudy, with froſt
25	9 a. m.	29 93	35	30	N. N. E.	1		Clear and ſerene
	11 p. m.	29 75	33	28	D°	2		Cloudy
26	9 a. m.	29 66	33		D°	2′		Sleet at times
	11 p. m.	29 60	31	27	N.	1		Clear
27	9 a. m.	29 44	30		N.	0		Clear and ſerene in the morning
	11 p. m.	29 41	29		N.	0		Snow ſince the afternoon
28	9 a. m	29 44	29		N.	0		Clear; ſnow lies on the ground about 4 inches deep
	11 p. m.	29 55	30		N.	1		Clear
29	9 a. m.	29 77	31		N.	1		Clear and ſerene
	11 p. m.	29 74	33		S. E.	1		Cloudy; in the night ſhowers
30	9 a. m.	29 76	34		D°	1	.180	Clear and froſt
	11 p. m.	29 74	36		D°	1		D°
31	9 a. m	29 80	35		D°	2		Fair and froſt; towards noon thaw
	11 p. m	29 41	36		D°	2‴	.220	Rain with ſleet; and in the night ſnow
	1768. January.							
1	9 a. m.	29 0	36		D°	2″	.350	Rain, heavy at times, through the forenoon
	11 p. m.	29 30	34		N. E.	2‴		Clear and froſt
2	9 a. m.	29 60	33		N.	2″		D°
	11 p. m.	30 0	33		N.	2		D°
3	9 a. m.	30 10	29	20	N.	2		D° { N. B. 20 was the loweſt ſtate of the therm. ob-
	11 p. m.	30 31	30	21	D°	2		D° { ſerved in theſe parts, without doors.

1768.

1768. Day. January.	Bar.	Ther. within doors.	Ther. without.	Wind.	Rain	Weather, with miſcellaneous remarks.
4 9 a. m.	30 2	30	20	N. 2″		Fair and froſt
11 p. m.	29 92	30	22	D° 2′		Cloudy, with D°
5 9 a. m.	29 90	30		D° 2′		Clear and froſt
11 p. m.	29 80	30		D° 2′		Cloudy
6 9 a. m.	29 66	32	30	D° 2′		Snow
11 p. m.	29 60	32		N. E. 2		Hail and ſleet, with froſt
7 9 a. m.	29 54	32		E. 2		Cloudy
11 p. m.	29 49	34		E. b. S. 2		D°
8 9 a. m.	29 26	35		S. E. 2″		Rain conſtant, with thraw through the day
11 p. m.	29 20	35		D° 2″	700	D°
9 9 a. m.	29 10	36		D° 2″		Rain at times
11 p. m.	29 14	36		E. 2‴		Rain conſtant
10 9 a. m.	29 34	37		N. W. 2″	.560	Snow, with rain at times
11 p. m.	29 56	37		N.N.W. 2″		Cloudy
11 9 a. m.	29 60	36		D° 1		Fair and froſt
11 p. m.	29 68	36		W. b. N. 1		Thaw, with ſnow; now froſt again
12 9 a. m.	29 66	36		S. E. 2		Rain from 11 a. m. conſtant through the day
11 p. m.	29 50	39		D° 2		D°
13 9 a. m.	29 47	48		S. 2		Cloudy
11 p. m.	29 36	48		S. W. 2‴		Rain ſince 2 p. m.
14 9 a. m.	29 30	48		D° 2″		Cloudy, with rain
11 p. m.	29 16	49		D° 2	.480	Cloudy
15 9 a. m.	29 25	48		W. 2		Rain heavy till noon
11 p. m.	29 50	47		W. b. S. 1		Fair
16 9 a. m.	29 80	46		D° 0		Fog in the morning; afterwards clear and ſerene
11 p. m.	29 87	45		S. W. 1	.600	Clear
17 9 a. m.	29 87	45		E. 2		Cloſe and cloudy, with ſmall rain
11 p. m.	29 78	45		S. W. 1		Cloudy
18 9 a. m.	29 46	45		W. b. S. 1		Rain heavy till the afternoon
11 p. m.	29 65	44		N. W. 1		Cloudy
19 9 a. m.	29 67	44		D° 1		Clear and ſerene
11 p. m.	29 56	44		D° 2″	.775	Rain ſince 4 p. m.
20 9 a. m.	29 60	44		N.N.W. 4		Fair with flying clouds. N. B. Hurricane from
11 p. m.	29 75	44		D° 2		4 to 8 a. m.; when the Fame Man of War

was driven from her mooring in Hamoaze; together with the ſteer-hulk on the rocks, by Saint Nicholas Iſland.

N. B. The thermometer within doors is kept in an airy open ſtair caſe, and not affected by any fire in the Houſe; that without was in a ſhed under the North wall.

N. B. From the 2d to the 7th of February was a froſt, and ſince that time inceſſant rain to March 1.